Setting up of a gas turbine project by the DESU

891. SHRI PARVATHANENI UPENDRA: Will the Minister of ENERGY be pleased to state:

(a) whether there is any proposal for setting up of a Gas Turbine Project by the Delhi Electric Supply Undertaking; and

(b) if so, what is the total estimated cost of the project, its power generating capacity and the progress made in the implementation of the project?

THE MINISTER OF STATE IN THE DEPARTMENT OF POWER IN THE MINISTRY OF ENERGY (SHRIMATI SUSHILA ROHATGI): (a) and (b) A Gas Turbine Project of 180 MW (6x30 MW) has already been commissioned by the Delhi Electric Supply Undertaking during 1986-87. The estimated cost of the Project is Rs. 87 crores.

Use of solar energy

892. SHRI S. S. AHLUWTLIA: Will the Minister of ENERGY be pleased to state:

(a) the steps taken for the use of solar energy;

(b) how much amount is earmarked for the Seventh Plan period for this purpose;

(c) whether States like Bihar where there is a shortage of hydro-electric power will be benefited by any provision for the use of solar energy; and

(d) if so, what are the details in this regard and if not, what are the reasons therefor?

THE MINISTER OF ENERGY AND MINISTER OF STEEL AND MINES (SHRI VASANT SATHE) : (a) As a result of intensive R&D activities taken up in the various areas of solar energy a number of technologies have been developed and their technical feasibility for various applications including generation of electricity has been established. Regarding solar thermal applications an extension programme has been launched throughout the country These have aready started providing and saving energy in a significant way. Solar photovoltaic systems have been developed and are being increasingly deployed for electrifying remote villages and other small power needs.

(b) An amfount of Rs. 32 crores for solar thermal and Rs. 27 crores for solar photovoltaic programmes has been earmarked out of the total allocation of Rs. 412.35 crores during the Seventh Plan period.

(c) and (d) Use of solar energy will benefit the country including th State of Bihar. The Department of Nonconvetional Energy Sources is implementing the programme of solar energy applications through the State Government Bihar Renewable Energy Development Agency and Rural Electrification Corporation. Under the solar thermal extension programme of the Department, 8 solar water heating systems, are being installed and so far 44 solar photovoltaic water pumping systems and 60 photovoltaic streetlighting systems have been supplied to the State for pumping water and lighting applications, respectively, in the rural areas.

Requirement of electricity in Bihar

893. SHRI S. S AHLUWALIA : Will the Minister of ENERGY be pleased to state:

(a) what is the present consumption and requirement of electricity in units in the State of Bihar;

(b) what was the total electricity generated in Bihar in 1985-86 and 1986-87; and